

GenCore version 4.5
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OM protein - protein search, using sw model

Run on:

June 18, 2001, 15:31:01 ; Search time 28.21 Seconds

(without alignments) 152.816 Million cell updates/sec

Title: US-09-653-755A-5

Perfect score: 1121

Sequence: 1 ENVLTQSPAIMSASPGEKVT... EATHKTSTSPIVKSFNRNEC 214

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 193259 seqs, 20144635 residues

Total number of hits satisfying chosen parameters: 193259

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%

Listing first 45 summaries

Database :

Issued_Patents_AA:
1: /cpr2_6/podata/2/1aa/5B_COMB.pep: *
2: /cpr2_6/podata/2/1aa/5B_COMB.pep: *
3: /cpr2_6/podata/2/1aa/6A_COMB.pep: *
4: /cpr2_6/podata/2/1aa/6B_COMB.pep: *
5: /cpr2_6/podata/2/1aa/PCTUS_COMB.pep: *
6: /cpr2_6/podata/2/1aa/Backfiles1.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Length DB ID Description

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APPLICANT: IKUO FUJI et al.
 TITLE OF INVENTION: CATALYTIC ANTIBODIES ENANTIOSELECTIVELY
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Wenderoth, Lind & Ponack
 STREET: 805 Fifteenth Street, N.W., #700
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005

COMPUTER READABLE FORM:
 MEDIUM TYPE: Disquette, 3.5 inch, 1.44 mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Wordperfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/737,129A
 FILING DATE: NO. 5885816ember 15, 1996
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warren M. Cheek, Jr.
 REGISTRATION NUMBER: 33,367
 REFERENCE/DOCKET NUMBER: 33,367
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-371-8850
 TELEFAX:
 TELEX:

INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 213 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-737-129A-4

Query Match 89.3%; Score 1004; DB 2; Length 213;
 Matches 191; Conservative 8; Mismatches 13; Indels 2; Gaps 1;
 Qy 1 ENVLTQSPAIMSASPGERKVMTMCGRASSSSYSSLYHWRQSKGASPQKLUYTSNLASGVPA 60
 Db 1 BLVWVQTPATMSASGEGVKVMTCSASSI--SYMMWYQKPGTPPKRWITGTSKLTSGVP 58
 Qy 61 ARFGSGSGSCTSYSLTSSVEADAATYQOQSGYR-TFGSGTKEIKRADAAPTVSIFPP 120
 Db 59 ARFGSGSGSCTSYSLTSSVEADAATYQOQSGYR-TFGSGTKEIKRADAAPTVSIFPP 118
 Qy 121 SSEQITGGASVWCFLNNFYPRDTWKWKGDSERQVNLNSWTDQSKDSTSNSSTL 180
 Db 119 SSEQITGGASVWCFLNNFYPRDTWKWKGDSERQVNLNSWTDQSKDSTSNSSTL 178
 Qy 181 LTKDKYERHNSYTCATHKTSTSPIVKSFNRNEC 214
 Db 179 LTKDKYERHNSYTCATHKTSTSPIVKSFNRNEC 212
 RESULT 3
 US-08-303-569B-5
 ; Sequence 5, Application US/08303569B
 ; Patent No. 5859205
 ; GENERAL INFORMATION:
 ; APPLICANT: Adair, John R.
 ; APPLICANT: Athwal, Diljeet S.
 ; APPLICANT: Emtage, John S.
 ; TITLE OF INVENTION: Humanised Antibodies
 ; NUMBER OF SEQUENCES: 31
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Wassburn Kurtz Mackiewicz & No. 5859205ris
 STREET: One Liberty Place - 46th Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/303,569B
 FILING DATE: 07-SEP-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Trujillo, Doreen Yatko
 REGISTRATION NUMBER: 35,719
 REFERENCE/DOCKET NUMBER: CARP-0032
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100
 TELEFAX: (215) 568-3439
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 235 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-303-569B-5

Query Match 87.4%; Score 979.5; DB 2; Length 235;
 Best Local Similarity 89.2%; Pred. No. 7.8e-71;
 Matches 190; Conservative 6; Mismatches 14; Indels 3; Gaps 2;
 Qy 3 VLTQSPAIMSASPGERKVMTMCGRASSSSYSSLYHWRQSKGASPQKLUYTSNLASGVPA 62
 Db 25 VLTQSPAIMSASPGERKVMTCSASSV- SYMWYQKSGSPKRWIYDTSKLASGVPAH 82
 Qy 63 FSGSGSGTSTSYSLTSSVEADAATYQOQSGYR-TFGSGTKEIKRADAAPTVSIFPP 121
 Db 83 FRSGSGGTSTSYSLTSGMEADATYQOQSGYR-TFGSGTKEIKRADAAPTVSIFPP 142
 Qy 122 SEQITGGASVWCFLNNFYPRDTWKWKGDSERQVNLNSWTDQSKDSTSNSSTL 181
 Db 143 SSEQITGGASVWCFLNNFYPRDTWKWKGDSERQVNLNSWTDQSKDSTSNSSTL 202
 Qy 182 TKEVERHNSYTCATHKTSTSPIVKSFNRNEC 214
 Db 203 TKEVERHNSYTCATHKTSTSPIVKSFNRNEC 235
 RESULT 4
 US-08-116-247-5
 Sequence 5, Application US/08116247
 Patient No. 5929212
 GENERAL INFORMATION:
 APPLICANT: Zollilffe, Linda K.
 APPLICANT: Zivin, Robert A.
 APPLICANT: Adair, John R.
 APPLICANT: Athwal, Diljeet S.
 APPLICANT: Emtage, John S.
 TITLE OF INVENTION: CD3 Specific Recombinant Antibody
 NUMBER OF SEQUENCES: 29
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Wassburn Kurtz Mackiewicz & No. 5929212ris
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

RESULT 7
US-08-792-824-3
Sequence 3, Application US/08792824
; Patent No. 592449
GENERAL INFORMATION
; APPLICANT: EMMANUEL, PETER A.
APPLICANT: BURANS, JAMES P.
APPLICANT: VALDES, JAMES J.
APPLICANT: MOHIVE, ELDEFRAWI E.
TITLE OF INVENTION: DETECTION OF BOTULINUM TOXIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: U.S. Army Chemical and Biological Defense
ADDRESSEE: Command
STREET: Office of the Chief Counsel, Bldg E4435
CITY: Aberdeen Proving Ground
STATE: MD
COUNTRY: U.S.
ZIP: 21010-5423
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/792,824
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Biffoni, U. J.
REGISTRATION NUMBER: 39,908
REFERENCE/DOCKET NUMBER: DAM 431-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: 410-671-1158
TELEFAX: 410-671-2534
TELEFAX: 410-671-2534
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-792-824-3

Query Match 79.7%; Score 893; DB 2; Length 236;
Best Local Similarity 80.7%; Pred. No. 5.8e-64;
Matches 171; Conservative 17; Mismatches 22; Indels 2; Gaps 2;

QY 4 LTQSPAIMSPGEGKTMTCRASSVSSYLWYRQSGASPKLWIVTSNLASGVPARF 63
Db 26 MTQSPASLSSASVGEGVTTICRASGNY-HNVLAWYQDKQGRSPQLVYNAKTLADGVPSRF 84

QY 64 SGSGSGTYSYTISSEVAEDATYVQOY-SGYRPRGGTKEIKRADAAPVSIIFPPS 122
Db 85 SGSGSGTYSQKINSQIOPEDRGSYCQHFWSTPWPFGGKLEIKRADAAPVSIIFPPS 144

QY 123 EQLSSGGASVCFLNYPDRINVKWKIDSERQNGVLNSWTDQSKDSTYSMSSTLT 182
Db 145 EQLSSGGASVCFLNYPDRINVKWKIDSERQNGVLNSWTDQSKDSTYSMSSTLT 204

QY 183 KDEYRHNSTCATHTKSTSPIVKSFNRNEC 214
Db 205 KDEYRHNSTCATHTKSTSPIVKSFNRNEC 236

RESULT 9
US-08-792-824-12
Sequence 12, Application US/08792824
; Patent No. 5932449
GENERAL INFORMATION
; APPLICANT: EMMANUEL, PETER A.
APPLICANT: BURANS, JAMES P.
APPLICANT: VALDES, JAMES J.
APPLICANT: MOHIVE, ELDEFRAWI E.
TITLE OF INVENTION: DETECTION OF BOTULINUM TOXIN
CORRESPONDENCE ADDRESS:
ADDRESSEE: U.S. Army Chemical and Biological Defense
ADDRESSEE: Command
STREET: Office of the Chief Counsel, Bldg E4435
CITY: Aberdeen Proving Ground
STATE: MD
COUNTRY: U.S.
ZIP: 21010-5423
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/792,824
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Biffoni, U. J.
REGISTRATION NUMBER: 39,908
REFERENCE/DOCKET NUMBER: DAM 431-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: 410-671-1158
TELEFAX: 410-671-2534
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-792-824-9

Query Match 79.7%; Score 893; DB 2; Length 236;
Best Local Similarity 80.7%; Pred. No. 5.8e-64;
Matches 171; Conservative 17; Mismatches 22; Indels 2; Gaps 2;

QY 4 LTQSPAIMSPGEGKTMTCRASSVSSYLWYRQSGASPKLWIVTSNLASGVPARF 63
Db 26 MTQSPASLSSASVGEGVTTICRASGNY-HNVLAWYQDKQGRSPQLVYNAKTLADGVPSRF 84

QY 64 SGSGSGTYSYTISSEVAEDATYVQOY-SGYRPRGGTKEIKRADAAPVSIIFPPS 122
Db 85 SGSGSGTYSQKINSQIOPEDRGSYCQHFWSTPWPFGGKLEIKRADAAPVSIIFPPS 144

QY 123 EQLSSGGASVCFLNYPDRINVKWKIDSERQNGVLNSWTDQSKDSTYSMSSTLT 182
Db 145 EQLSSGGASVCFLNYPDRINVKWKIDSERQNGVLNSWTDQSKDSTYSMSSTLT 204

QY 183 KDEYRHNSTCATHTKSTSPIVKSFNRNEC 214
Db 205 KDEYRHNSTCATHTKSTSPIVKSFNRNEC 236

PCT-US94-14106-57

Query Match 78.7%; Score 882; DB 5; Length 234;
 Best Local Similarity 79.7%; Bred. No. 4.3e-63;
 Matches 169; Conservative 17; Mismatches 24; Indels

TITLE OF INVENTION: Process for Generating Specific Antibodies

NUMBER OF SEQUENCES: 61

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII (text)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/14106

FILING DATE:

CLASSIFICATION:

INFORMATION FOR SEQ ID NO: 61:

SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

PCT-US94-14106-61

TELECOMMUNICATION INFORMATION:

TELEPHONE: 410-671-1158

TELEFAX: 410-671-2534

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 233 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-792-824-6

Query Match 75.7%; Score 849; DB 5; Length 218;

Best Local Similarity 75.9%; Pred. No. 1.7e-60;

Matches 164; Conservative 16; Mismatches 32; Indels 4; Gaps 1;

Qy 3 VLTQSPATMSASPGKEVKTMCRASSSV---SSSYLHWYRQKGASPKWLIWTSNLASG 58

Db 3 VLTQPLSLPVSGQASISCRSSQSLVHSNGNTYLHLQKFCQSPKLIVYKWSNRSG 62

Qy 59 VPARFSGSGSTSSLTISSEVAADATYCOOQSYGSRMFGGTLEKRAADAPTVSIF 118

Db 63 VPDKFSGSGSGTDTKLISRVEADLGVYFCOSOTHVLTGAGKLEKRAADAPTVSIF 122

Qy 119 PPSSEQLTSGGASVWCFLNNFYRDRDINKWKLIGDGERONGVNLNSWTDDSKDSTSMSLT 178

Db 123 PPSSEQLTSGGASVWCFLNNFYRDRDINKWKLIGDGERONGVNLNSWTDDSKDSTSMSLT 178

Qy 179 LTLTKEDEVHNSYTCEATHKTSSTSPIVKSFNRNEC 214

Db 183 LTLTKEDEVHNSYTCEATHKTSSTSPIVKSFNRNEC 218

Search completed: June 18, 2001, 15:31:02

Job time: 95 sec

US-08-792-824-6

Sequence 6, Application US/08/92824

Patient No. 5932449

GENERAL INFORMATION:

APPLICANT: PETER A.

APPLICANT: EMANUEL, PETER A.

APPLICANT: BURANS, JAMES P.

APPLICANT: VALDES, JAMES J.

APPLICANT: MOHYEE, ELDEBRAH E.

TITLE OF INVENTION: DETECTION OF BOTULINUM TOXIN

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: U.S. Army Chemical and Biological Defense

STREET: Office of the Chief Counsel, Bldg E4435

CITY: Aberdeen Proving Ground

STATE: MD

COUNTRY: U.S.

ZIP: 21010-5423

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/792, 824

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Bifton, U. J.

REGISTRATION NUMBER: 39,908

REFERENCE/DOCKET NUMBER: DAM 431-96

